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SOV/138-58-10-6/10

AUTHORS:

Gul', V.Ye;; Vil'nits, S. A; Gel'perin, N. I; Il'in, N.S; Kaplunov, Ya. N; Tsarskiy, L. N. and Krasikova, G. Z.

TITLE:

Investigation of the Possibility of Pulverizing Chilled Rubber (Razrabotka sposoba izmel cheniya okhlazhdennykh

rezin)

PERIODICAL:

Kauchuk i Rezina, 1958, Nr 10, pp 22 - 28 (USSR)

ABSTRACT:

Much rubber scrap is not re-used because of the difficulty of pulverizing the material. This difficulty can be overcome by chilling the rubber. The authors first review the changes in physical and mechanical properties of rubber at low temperature. Fig.1 shows maximum speed of rupture (mm/sec) against temperature for a vulcanized mixture of SKB and natural rubber. Fig.2 shows the same for SKB (Butyl) rubber. Each figure shows curves for three different rates of deformation. The maximum speed of rupture is that which occurs immediately before the specimen parts. The re-orientation of material at the point where rupture commences was studied by scribing a line across the specimens, and comparing the thickness of the line where rupture commences with the thickness of the line in the unruptured part of the stretched specimen. In Fig.4 these relative thicknesses are plot-

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ted against time for specimens of SKB and natural rubber at four different temperatures. The specimens were deformed at a rate of 500 mm/min. At -53°C no re-orientation at the rupture point occurs. Fig. 5 shows stress versus relative elongation for the same rubber mix at different temperatures. Fig. 6a shows the relative elongation versus temperature, and Fig. 6b the stress versus temperature at the moment of rupture, in each case for three different rates of deformation. In Fig. 7 the work of deformation (kg/cm³) is plotted against temperature for SKB-50 and the same in Fig. 8 for SKB-50 plus natural rubber. By comparing Figs. 2, 6 and 7 one sees that the temperature for maximum work of deformation to rupture corresponds to that for minimum speed of rupture and for maximum relative elongation at rupture. At low temperatures the low mobility of the molecular structure prevents reorientation at the point of rupture as is seen in Fig. 4: the resistance to rupture and relative elongation decrease and the speed of rupture increases. Fig. 9 shows stress versus relative elongation for samples of rubber and fabric, cut from a tyre casing, at three different rates of deformation for four temperatures. These follow

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Investigation of the Possibility of Pulverizing Chilled Rubber

base of the mill was subjected to sieve analysis. Energy input was measured by a recording wattmeter. Table 1 shows results with this pulverizer for various rubber and rubber fabric materials. The size of the openings in the discharge grating was either 5 mm or 2 mm. Material was cooled to temperatures of -66°, -60° and -50°C. Time and k.w.h. to pulverize 400 gramme quantities of material are given, and the specific energy requirement in k.w.h. per metric ton of material is given in the last column. Table 2 gives the sieve analysis for the various samples for 5 mm and for 2 mm openings in the discharge grating. To complete the calculation for energy requirements, the power in k.w.h. required to cool one ton of material to temperatures between 5°C and -55°C are given. These calculations are based on an initial temperature of 20°C., specific heat of material 0.5 c.cal/kg°C, and 59.5% cooling efficiency from a Freon 12-refrigeration circuit as

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Investigation of the Possibility of Pulverizing Chilled Rubber

the same form as the plain rubber specimens in Fig. 5. In order to obtain a brittle state when pulverizing rubber and fabric materials the temperature must be lowered and the speed of pulverization or rupture must be increased. The apparatus shown in Fig. 10 was constructed to determine optimum speed of deformation for pulverization. Specimens 10 - 20 mm wide and 1 - 6 mm thick are clamped to the periphery of a 200 mm disc which can be rotated at various speeds. The disc re The disc runs in an insulated tank. The specimens strike against a pin mounted on a spring, so that the force acting on the pin can be measured dynamometrically, and the energy of deformation in fracturing the specimens can be calculated. Optimum speed was found to be in the region of 3000 r.p.m. From the parameters established, the hammer-mill type of pulverizer, shown in Fig.11, was constructed. The gap between the hammers and the saw-toothed periphery of the mill casing is 1.5 - 2 mm. The mill runs at 3000 r.p.m. The mill is fed with pieces of rubber about 40 x 20 x 8 mm previously cooled in a dry ice and alcohol mixture. Pulverized material discharged through the grating at the

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Investigation of the Possibility of Pulverizing Chilled Bubber in Fig.12 with a further 20% loss to air allowed for.

in Fig. 12 with a further 20% loss to air allowed for. There are 12 Figures, 2 Tables and 7 Soviet References

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow Institue of Precision Chemical Technology imeni M.V. Lomonosov)

Card 5/5

69-20-3-10/24

AUTHORS:

Gul', V.Ye.; Tsarskiy, L.N.; Vil nits, S.A.

TITLE:

The Process of Rupture in the Region of Transition From the Elastic to the Brittle State (Issledovaniye protsessa razryva v oblasti perekhoda ot elasticheskogo k khrupkomy

sostoyaniyu)

PERIODICAL:

Kolloidnyy zhurnal, 1958, vol XX, Nr 3, pp 318-325 (USSR)

ABSTRACT:

The rupture of vulcanizates is a process lasting a certain time. In the article, experiments are mentioned in which this process has been studied by means of high-speed cinematography. More than 300 moving pictures were taken. The analysis of the pictures has shown that the speed of rupture in the temperature range from +22 to -57°C is very small in the initial stages and increases rapidly immediately before the complete rupture. At a temperature decrease from +22 to 0° the rupture speed decreases from 2,500 mm/sec to 100 mm/sec. This is due to an increase in the bonds of intermolecular interaction. At temperatures of -50°C and lower the rupture speed attains a value of 3,000 mm/sec. The temperature decrease is also accompanied by a decrease of the additional orientation of the material. At very low

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69-20-3-10/24

The Process of Rupture in the Region of Transition From the Elastic to the Brittle State

temperatures, the reduction of additional orientation becomes so large that the speed of rupture increases again. A correlation exists not only between the temperature and the speed of rupture, but also between temperature and mechanical properties of the rubber. At the transition from the high-elastic to the brittle rupture mechanism, an abnormal change in the resistance to rupture is observed, together with a change in temperature. In the temperature regions characterized by the elastic and brittle rupture mechanisms, an increase in the stability of the material is observed. At the transition from the elastic to the brittle rupture, the stability of the material is reduced as a consequence of changes in the structural characteristics of the material.

There are 11 graphs and 8 references, 7 of which are Soviet and 1 German.

ASSOCIATION:

Moskovskiy institut tonkoy khimicheskoy tekhnologii, Moskva

(Moscow Institute of Fine Chemical Technology, Moscow)

SUBMITTED: Card 2/2

May 3, 1957

1. Vulcanizates-Transition 2. Vulcanizates-Rupture

GUL', V.Ye.; VIL'NITS, S.A.; GEL'PERIN, N.I.; IL'IN, N.S.; KAPLUNOV, Ta.N.; TSARSKIY, L.N.; KRASIKOVA, G.Z.

Developing a method of grinding cold rubbers. Kauch. i rez. 17 no.10:22-28 0 58. (MINA 11:10)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova.

(Rubber, Reclaimed)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

GUL', V.Ye.; TSARSKIY, L.N.; VIL'NITS, S.A.

Rapture during transition from the elastic to the brittle state [with summary in English]. Koll. zhur. 20 no.3:318-325 '58.

(Rabber--Testing)

(MIRA 11:8)

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TSARSKI. Petur, inah

Color-changing indicators of temperature. Elektroenergiia 12
no.11/12:47-49 N-D '61.

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8

LIPATOV, I. (g.Gor'kiy); TSARSKIY, S. (g.Gor'kiy)

A fulfilled plan does not cover up for carelessness. Okhr. truda i sots.strakh. 3 no.2:47-49 F '60. (MIRA 13:6)

(Gorkiy Province—Lumbering—Safety measures)

KOPIT, B.S.; MIKHAYLOV, A.V.; CHLENOV, A.F.; IDOV, P.I.; YUKHNOV, I.I.;

TSARSKIY, S.V.; BARAUSOV, V.A.; PETROV, A.I.; LIFSHITS, L.Z.;

ABATUROV, K.I.; SOKOL'SKAYA, Zh.M.; MEZHEYICH, V.H.; DETYDOV,

L.I.; VLASIKHIN, A.V.; CHEKALOV, L.N.; STARICHKOV, T.I.;

KHUBLAROV, A.Ye., red.; PITERMAN, Ye.L., red.izd-va; PARAKHINA,

N.L., tekhn.red.

[Our beacons; collection of articles on progressive workers in lumber, paper, woodworking industries and forestry] Nashi maiaki; sbornik ocherkov o peredovykh liudiakh lesnoi, bumazhnoi i derevo-obrabatyvaiushchei promyshlennosti i lesnogo khoziaistva. Moskva, Goslesbumizdat, 1961. 125 p. (MIRA 15:2) (Forests and forestry) (Wood-using industries)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

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SOURCE CODE: UR/0413/66/000/002/0050/0050

AUTHORS: Aleshinskiy, . V. G.; Tsarevskiy, Yu. I.

ORG: none

TITLE: A method for improving the commutation of direct current electrical machines. Class 21, No. 177961

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 50

TOPIC TAGS: electric motor, magnetic core, direct current, electric shunt

ABSTRACT: This Author Certificate presents a method for improving the commutation of direct current electrical machines/(mainly machines with strong regulation of the excitation of the main poles). The method is based on varying the flux of the commutating poles in the air gap as a function of the flux of the main poles. To increase the effectiveness of the method, the flux of the commatating poles is regulated by magnetic shunts. These shunts connect the cores of the main fluxes and the commutating fluxes. Each core of the commutating poles is connected by magnetic shunts to the cores of the two neighboring main poles. Each core of the commutating poles is also connected by magnetic shunts to the core of the main pole of the same polarity.

Card 1/1 SUB CODE: 09/ SUBM DATE: 18Dec63 UDC: 621.313.2.013.4

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920012-8"

Intra-arterial blood infusion in a district hospital. Zdrav.
Kasakh. 22 no.5:21-23 '62. (MIRA 15:6)

1. Iz Karabulakskoy gorodskoy bol'nitsy. (BLOOD—TRANSFUSION)

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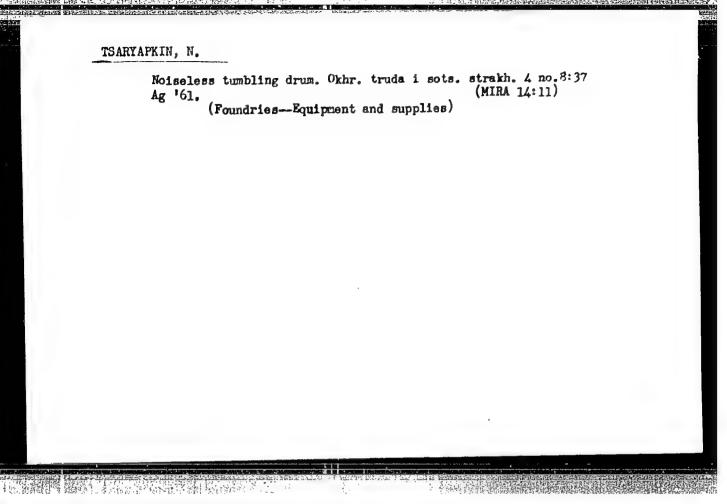
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1. Direktor na DIP "Ernst Telman", Sofiia.

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(Flux (Metallurgy))

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TSARYUK, L.A.

Determination of the proteolytic activity of brain homogenates. Ukr. biokhim. zhur. 36 no.3:334-342 '64. (MRA 17:10)

1. Institut biokhimii AN UkrSSR, Kiyev.

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POLYAKOVA, N.M.; BELIK, Ya.V. [Bielik, IA.V.]; TSARYUK, L.A.

Proteinase in functionally different divisions of the central nervous system and different structural elements of brain cells. Ukr. biokhim. zhur. 32 no.5:623-635 *60. (MIRA 14:1)

1. Institut biokhimii Akademii nauk Ukrainskoy SSR, Kiyev. (PROTEINASE) (BRAIN) (SPINAL CORD)

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(SLEEP) (INFRARED RAYS) (SWEATING)

TSARYUK ... N. B. --

控制的基础的。在1000年的1000年的1000年的1000年

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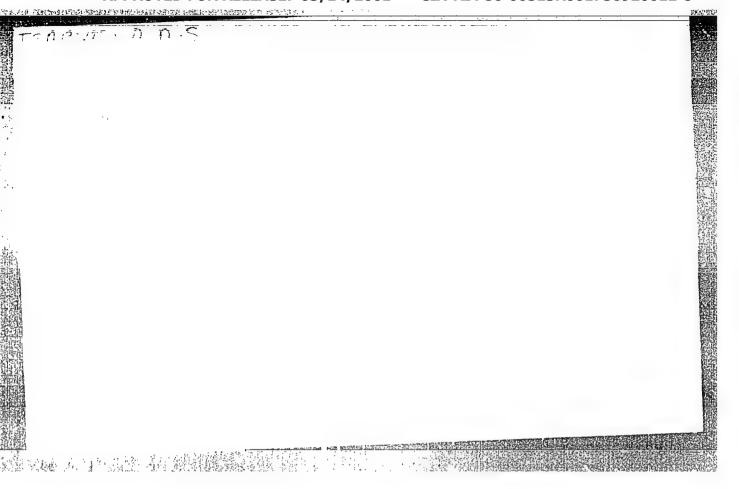
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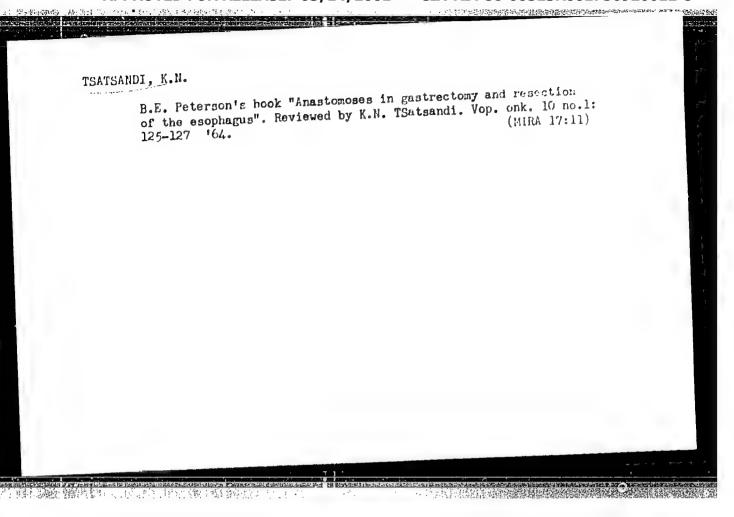
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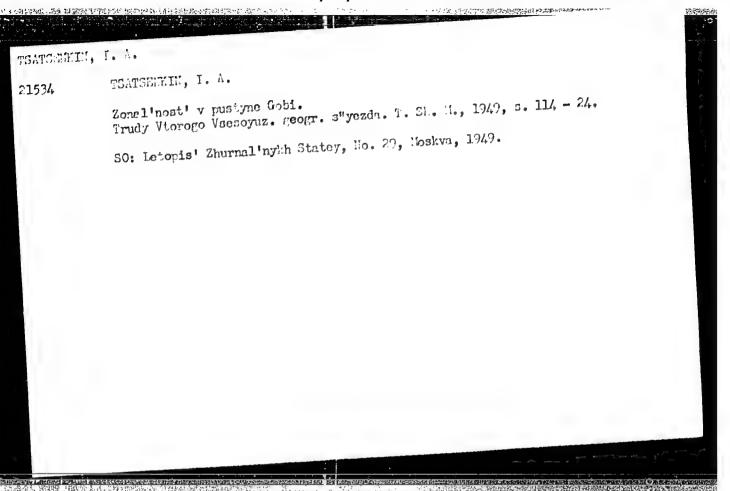
TSATSENKIN, I.A. I RAMFNSKIY, L.G. 25085 RAMENSKIY, L.G. I TSATSENKIN, I.A. Razrabotka Metodiki Inventarizatsii I Rayonirobaniya Kormovykh Ploshchadey V Rayonakh Otgonnogo Zhivotnovodstva. V Sb: Voprosy Kormodobyvaniya. Vyp. 2.M.,1949,S. 67-71.

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Rcd. Feb. 15, 1952

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TSATSENKIE, I.A., CHIZHIKOV, O.F., ANTIPIN, N.A., MOROZOV, D.F., red.
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Hoskva, Gos.izd-vo sel'khoz.lit-ry, 1956. 470 p. (MIRA 11:3)
(Pastures and meadows)

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Pield methods in making general physicogeographical maps. Hauk, zap. L'viv. un. 40:114-125 '57. (MIRA 11:6)

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Field methods of making general physicogeographical maps; from the work practice of the expedition of the Moscow State University to the Caspian Sea region. For geog. no.42:9-22 58.

(MIRA 11:11)

(Cartography)

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三人類用 数型以及形面 医多元性火丸

TSATSENKIN, I.A., prof., doktor sel'skokhozyaystvennykh nauk; ANTIPIN, N.A., kand.sel'skokhozyaystvennykh nauk; CHIZHIKOV, O.N., kand. sel'skokhozyaystvennykh nauk. Prinimali uchastiye: NENAROKOV, M.I., lugovod; KAVER, M.V., inzh.. YEMHL'YANOV, F.V., red.; ANTONOVA, H.M., tekhred.

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VYSOTSKIY, A.A., kand.sel'skokhoz.nauk; KONYUSHKOV, N.S., kand.sel'skokhoz.nauk; MOVSISYANTS, A.P., kand.sel'skokhoz.nauk; TSATSENKIN, I.A., prof.; ANTONOVA, M.M., red.; DEYEVA, V.M., tekhn.red.

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

CARL MATERIAL SOLESFORM

1. 129至2020年的北京企业的特别企业和企业的企业的企业的企业的企业的企业的企业。

KONYUSHKOV, N.S., red.; RABOTNOV, T.A., red.; TSATSENKIN, I.A., red.; SHLEPANOV, V.M., red.; ANTONOVA, N.M., tekhn. red.

[Methods of experimental work on meadows and pastures] Metodika opytnykh rabot na senokosakh i pastbishchakh. Pod obshchei red. N.S.Koniushkova, T.A.Rabotnova, I.A.TSatsenkina. Moskva, Sel'khozgiz, 1961. 287 p. (MIRA 15:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov.

(Fastures and meadows)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

AST WALL

- 1. TSATENKIN. P. A.; RAMENSKIY, L. G.; RABOTNOV, T. A.
- 2. USSR (600)
- 4. Meteorology, Agricultural

· 查看表 图像 在 中心中 自己的 1988 公司

7. Agricultural climatology. Ezv. Vses. geog. obshch. 84, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

Meteorologigal Abst.

Vol. 5 No. 1

Jan. 1954
Part 1

Climatology and
Bioclimatology

Bioclimatology

California and their geographic distribution to agricultural regions; the microdinates of localities; changes in weather and forecasting possibilities; crop yield forecasting and climatology should be Heading: 1. Agricultural climatology.—I.L.D.

AID P - 4942

Subject : USSR/Electronics

Card 1/1 Pub. 89 - 9/18

Author : Tsatsenkin, V.

Title : Amplifier with two feedbacks

Periodical: Radio, 8, 33, Ag 1956

Abstract : The author explains the use of amplifiers with positive

feedback which permits obtaining higher amplification factors than possible with amplifiers with negative

feedback. Four connection diagrams and charts.

Institution: None

Submitted : No date

世界的 新聞 第二章 F 128 位于 12

· 1000年代,1960年代的日本中国企业的大学的国际的企业和企业的企业的企业的企业。

KOCHUBIYEVSKIY, Il'ya Davydovich; STRAZHMEYSTER, Valentin Aleksandrovich; TSATSENKIN, V.K., red.

[Dynamic modeling of loads in testing automatic control systems] Dinamicheskoe modelirovanie nagruzok pri ispytaniiakh avtomaticheskikh sistem. Moskva, Energiia, 1965. 142 p. (Biblioteka po avtomatike, no.151) (MIRA 19:1)

RATMIROV, Valeriy Arked yevich; IVObOTENKO, sorts Alekseyevich;
ISATSENKIE, Viktor Kirillovich; JADOVEKIY, Lev Aleksendrovich;
OHILIAIR, M.O., prof., red.; GERGHENZEL, G.J., red.

[Systems with stepping motors] Sistemy s shagovymi dvigateliami. Moskva, Energiia, 1964. 134 p. (Siblioteka po avtomatike, no.110. Elektroprivody s połuprovodnikovym upravleniem) (MRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATSIR, E.F.

带着注意的 化

Paleogeography of the Early Eccene of Kyzyl Kum and the southern part of the Ural Mountain region. Trudy Uz. geol. upr. no.2: 51-53 '62. (MIRA 16:8)

(Kyzyl Kum--Paleoreography)
(Ural Mountain region--Paleogeography)

makes view of the second of th

VASIL'YEV, Vitaliy Zakharovich; GEORGIYEVSKIY, Nikolay Nikolayevich [deceased]; DUBYAGO, Andrey Dmitriyevich [deceased]; KOKHTEV, Andrey Aleksandrovich;:TAUROK, Viktor Grigor'yevich [deceased]; TSATSXIH, Vitaliy Semenovich; SHAPOSHNIKOV, Kirill Aleksandrovich; MUSINYAH, T.M., Inzb., red.; TAIROVA, A.L., red.izd-va; TIKHANOV, A.Ya., tekhn.red.

[Reference tables for machine parts] Sprayochnye tablitay po detaliam mashin. Izd.4., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Pt.2. 1961. 688 p.

(MIRA 14:4)

THE STATE OF THE PROPERTY OF T

. (Machinery -- Tables, calculations, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

。 一二、江东北京中国市市西班通市场的"发现"的西部市大型市场中的西部市大型市场市场的大型大型大型

VASIL'YEV, Viteliy Zakharovich; GEORGIYEVSKIY, Nikolay Nikolayevich [deceased]; DUBYAGO, Andrey Dimitriyevich [deceased]; KOKHTEV, Andrey Aleksandrovich; TAUROK, Viktor Grigor'yevich [deceased]; TSATSKIN, Vitaliy Semenovich; SHAPOSHNIKOV, Kirill Aleksandrovich; MUSINYAN, T.M., inzh., red.; TAIROVA, A.L., red.izd-va; TIKHANOV, A.Ya., tekhn.red.

[Reference tables for machine parts] Sprayochnye tablitsy po detaliam mashin. Izd.4. ispr. i dop. Moskva. Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry. Pt.1. 1960. 615 p.

(Machinery--Standards)

(MIRA 14:1)

THE PERSON OF THE PROPERTY OF

DMITRIYEVA, S.A.; IVANOVA, A.I.; IVANOVA, Ye.A.; PETRUN'KINA, A.M.; TSATSKIS, Ye.N.

Influence of hydrogenation of fats on the assimilation of nitrogen, mineral salts, and fats, and on the amount of unsaturated fatty acids in the blood and feces. Trudy Inst. fiziol. 9:415-424 '60. (MIRA 14:3)

l. Gruppa po izucheniyn voprosov biokhimii pitaniya (zaveduyushchaya - A.M. Petrun'kina) Instituta fiziologii im. I.P.Pavlova.

(FAT METABOLISM) (MINERALS IN THE BODY)

(ACIDS, FATTY)

TSATHRYAN, A. T.

37612. mukhi, kak pikenoschi tsist kishechnykn prosteyshikh. trudy in-ta malyrii i med. parazitologii (m-vo zdravookhraneniya arm. ssr.) vyp. 4, 1949, s. 204-10

SO: Letopis' Zhurnal' nykh Statey, Vol. 37, 1949

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATHRYAN, A. T.

37615

virulentvost nagornykh shtammov dizenteriynoy ameby. trudy in-ta makyarii i med. parazitologii (m--vo zoravooraneniya arm. ssr), vyp, 4, 1949, s. 168-73.

SO: Letopis' Zhurnal'nykh Stately, Vol. 37, 1949

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

KATSNEL'SON, Boris Davidovich; KORCHUNOV, Yuriy Eikolayevich; LIVEROVSKIY,
Aleksey Alekseyevich; ICLE ALTIW. Viltor Viscimirovich, coktor
tekhn.nauk,prof.; Aleila, Leadye mitrigova; TIGHCHEIKO,
Dritry Vyacheslavovich; JELEGIA, Elfo-Harkovich; SHFULEVSKAYA,
Esfir' Ionovna; FOMERANTSEV, V.V., red.; ZHITRIKOVA, O.S., tekhn.
red.

[Layer methods of the use of fuel as a source of power and
chemicals]Sloevye metody energokhinicheskogo ispol'zovenita
togalin. [by] E.D.Katsnel'son i dr. Moskva, Gosenergoizdat, 1962.
186 p. (MIRA 15:9)

(Fuel) (Chomicals)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATKIN, S.A., kand.med.nauk

New method of treating the surgeon's hands. Thim. i med. no.10: 55-56 \$59. (HIRA 13:2)

1. Iz kafedry khirurgicheskikh bolezney (zav. - prof. P.L. Sel'tsov-skiy) Moskovskogo meditsinskogo stomatologicheskogo instituta na baze Moskovskoy gorodskoy klinicheskoy bol'nitsy imeni A.A. Ostroumova (glavnyy vrach P.V. Abashkina).

(SURGERY, ASEPTIC AND ANTISEPTIC) (DIOCIDE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

VASIL'YEV, V.Z.[deceased]; KOKHTEV, A.A.; TSATSKIL, V.S.; SHAPCSHNIKOV, K.A.; MUSINYAN, T.M., inzh., red.

[Reference tables on machine parts in 2 volumes] Spravochnye tablitsy po detaliam mashin v 2-kh tomakh. Moskava, Mashinostroenie. Vol.1. 1965. 716 p. (MIRA 18:8)

THE THE SECOND STREET SECOND STREET SECOND S

3076 TSATKINA, M. DOLGOSROCHMOYE, AND DYADIN, V.

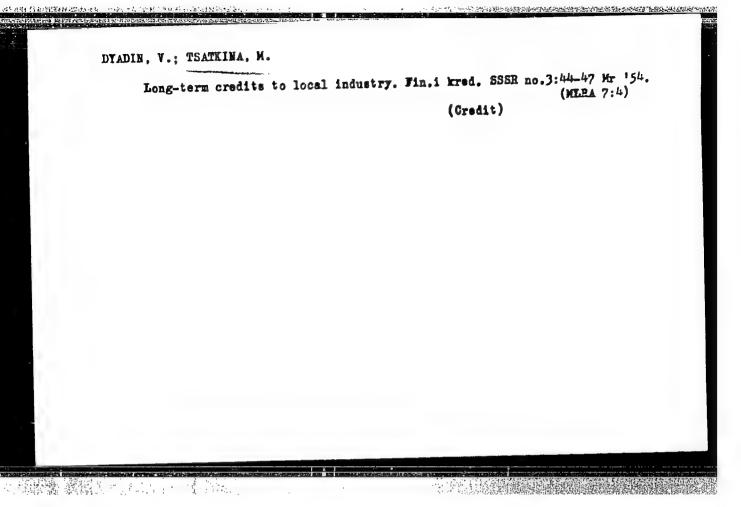
計劃背積的影響。可能是自己的影響的影響。

Kreditovanie mestnoy promyshlimosti m., gosfinizdat, 1954, 64c. 20 sm. 10,000 ekz. ir. 75K - (54-57935)P

Pe nin, V.I. Velikiy pochin. - Na Karakalpak Ya. sm. 3023.

Lenin, V. I. Sotsializm I Voyna. Na kitaysk Yaz. Sm 3026

Usenko, Ye. Frichiny Imperialisticheskikh voyn - Na Litov Yaz. Sm 3063.



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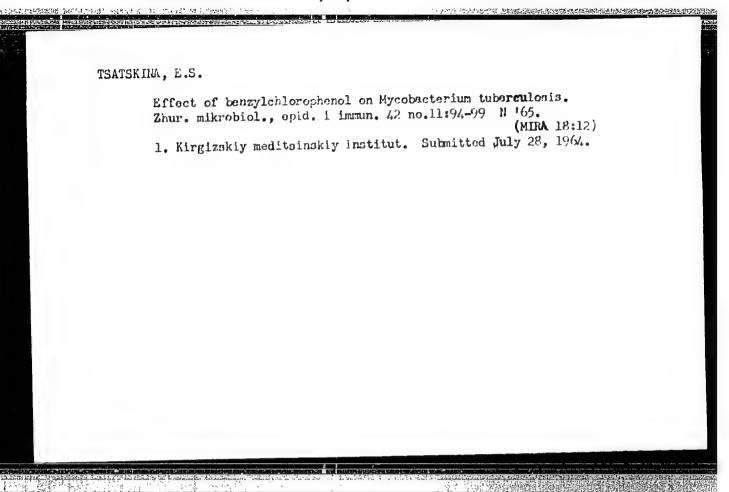
TSATSANIDI, K.N.

COMPANIED THE

Two observations of unusual locations of echinococcus. West.khir. 83 no.10:130-131 0 '59. (MIRA 13:2)

1. Iz khirurgicheskogo otdeleniya (zaveduyushchiy - K.H. Tsatsanidi) Kobdoskoy mezhaymachnoy bol'nitsy (glavnyy vrach - Byambazhav) Mongol'skoy Narodnoy Respubliki, Adres avtora: Mongol'skaya Narodanaya Respublika, gor. Ulan-Bator, klinika Soveta Ministrov. (ECHINOCOCCOSIS case reports)

(SPINE diseases) (STERNUM diseases)



LIBERMAN, P.G., inzh.; TSATSKIS, P.N., inzh.

New designs of overhead push conveyors. Mekh. i avtom. proizv.
18 no.7:30-32 J1 164.

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and the state of t

TSATSKIS, V.I.

计划编码 第5年的第三人称单数

Plane stability loss in rod systems. Hauch.dokl.vys.shkoly; stroi. no.1:37-47 '59. (MIRA 12:10)

1. Rekomendovana kafedrov matematiki Novosibirskogo elektrotekhnicheskogo instituta svyazi. (Blastic rods and wires)

TSATSKIS, V.I., kand. tekhn. nauk (Novosibirsk)

Elastic stability of stepped rods. Issl. po teor. soorugh.
no.8:185-193 '59. (MIRA 12:12)

(Elastic rods and wires)

TSATSENKIN, V.K., inzh.; IVOBOTENKO, B.A., inzh.

Dynamics of step-type electric motors. Elektrichestvo no.9:67-72 S '62. (MIRA 15:9)

1. Moskovskiy energeticheskiy institut. (Electric motors)

Investigating the discarded defective intermediate products in needle canufacture. Easen. trudy MTHI no.28:188-199 '63.

1. Kafedra tekhnologii metallov Moskovskogo tekhnologicheskogo instituta legkoy promychlennosti.

SLAVYANSKIY, Aleksey Konstantinovich, prof.; SHARKOV, Vasiliy

Ivanovich, prof.; LIVEROVSKIY, Aleksey Alekseyevich, dots.;

BUYEVSKOY, Anatoliy Vasil'yevich, dots.; MEDNIKOV, Fedor

Alekseyevich, dots.; LYAMIN, Vladimir Aleksandrovich, dots.;

SOLODKIY, Fedor Timofeyevich, dots.; TSATSKA, Elio Mat'
Iudovich, dots.; DMITRIYEVA, Ol'ga Andreyevna, assistent;

NIKANDOROV, Boris Fedorovich, inzh.; GORDON, L.V., kand.

tekhn. nauk, retsenzent; SUKHANOVSKIY, S.I., red.; KHOT'KOVA,
Ye.S., red.izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Chemical technology of wood] Khimicheskaia tekhnologiia drevesiny. Moskva, Goslesbumizdat, 1962. 574 p. (MIRA 16:4) (Wood—Chemistry)

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TSATSKIS, V.I., kand.tekhn.nauk, dotsent; SUZDAL*NITSKIY, I.D., insh.

Losses of stability from the plane of rod formations with linearly non-moving, elastically fixed units. Trudy NIIZHT no.24:27-29 (MIRA 16:5) **61.*

(Elastic rods and wires)

TSATSKIS, V.I., kand.tekhn.nauk, dotsent

Losses of stability from the plane of elastic rod systems with linearly nonmoving units. Trudy NIIZHT no.24:5-26 '61. (MIRA 16:5) (Elastic rods and wires)

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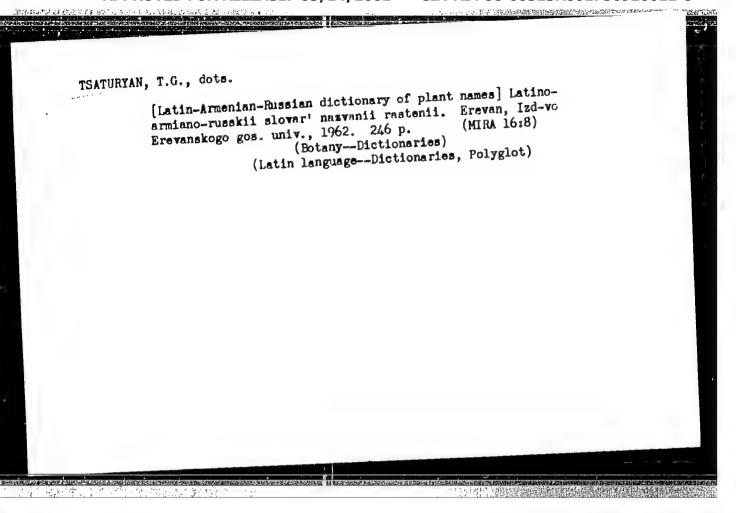
BROD, I.O.; ALEKSIN, A.G.; BELOV, K.A.; KUPRIN, P.N.; NESMEYANOV, D.V.; POLISTER, L.A.; TSATUROV, A.I.

Middle Caspian oil- and gas-bearing basin; appearance of regularities in the spread of oil and gas accumulations in central and eastern Ciscaucasia and in the Kara-Bogaz region. Zakonom. razm. polezn. iskop. 5:483-535 162.

1. Kompleksnaya neftegazovaya geologicheskaya ekspeditsiya AN SSSR,
Moskovskiy gosudarstvennyy universitet, Komitet po koordinatsii.nauchnoissledovatel skikh rabot pri Sovete Ministrov SSR i Stavropol skiy i
Checheno-Ingushskiy sovety nardonogo khozyzystva.

(Caspian Sea region—Petroleum geology)

(Caspian Sea region—Gas, Natural—Geology)



TSATUROV. V.L.

中国国际

Mechanisms of vasomotor regulation. Report No.4: Reflexes to vessels of the skeletal muscles during chemical and thermal stimulation of the receptors of the extremities. Biul.eksp.biol. i med. 48 no.9: (MIRA 13:1)

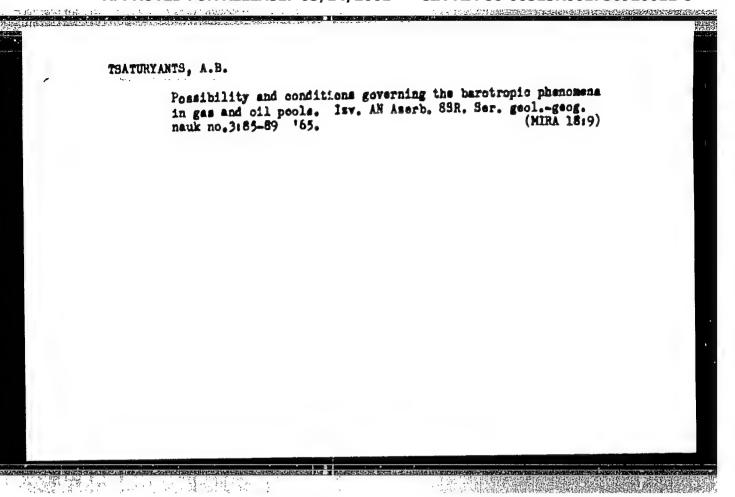
1. Iz eksperimental'noy laboratorii (zav. - kand.med.nauk V.M. Kha-yutin) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.N. Chernigovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim. (VASOMOTOR SYSTEM physiol.)

MULKIDYHANYAN, Ya.I.; TSATUEYAN, G.M.

Turkish hazel (Corylus columa L.) in Artenia. Izv. AN Art. SSR.

Biol. nauki 18 no.2:41-46 F '65. (MIRA 18:5)

1. Botanicheskiy institut AN Armyanekoy SSR.



TSATURYANTS, A.B.; MURADOV, A.A.

第一个的最高的。

Effect of the composition of dissolved gas on the viscosity of saturated crudes [in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR. Ser. fiz. tekh. 1 khim. nauk no.2:75-82 '59.

(MIRA 12:8)

(Petroleum) (Viscosity) (Gas. Natural)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATURYANTS, A.B.; TER-KARAPETYANTS, Zh.N.

Probable cause in the change of the reciprocal gradient with depth. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk i nefti no.3:147-155 '62. (MIRA 15:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

BARONSKIY, Isaak Vladimirovich, inzh.; VIKTOROV, Georgiy Borisovich; VOROB'YEV, Vladimir Il'ich; KEA, Anatoliy Senyurovich; LEONT'YEV, Sergey Nikolayevich, kand. tekhn. nauk; MUZYKANTOV, Stepan Pankrat'yevich; PROSTENTSOV, Grigoriy Yevgen'yevich; TSAY, Trofim Nikolayevich

[Building of mining enterprises] Stroitel'stvo gornykh predpriistii. Moskva, Nedra, 1965. 323 p. (MIRA 18:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

ACC NR: AP7010725

SOURCE CODE:UR/0138/66/000/010/0002/0004

AUTHOR: Filinov, G. P.; Titov, A. P.; Sukhomlinov, V. B.; Tsaylingol'd, V. L.; Oladov, B. N.; Shikhalova, K. P.

ORG: Voronezh Branch, All-Union Scientific Research Institute of Synthetic Rubber im. S. V. Lebedev (Voronezhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka); Scientific Rosearch Institute of Monomers for Synthetic Rubber (Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka)

TITLE: Cold-resistant butadiene-methylstyrene rubber with low ash content

SOURCE: Kauchuk i rezina, no. 10, 1966, 2-4

TOPIC TAGS: butadiene styrene resin, potassium compound, fluid viscosity / SIQS-10RPD rubber

SUB CODE: 11

ADSTINCT: The effect of additives of potassium caseinate and bone cement on the viscosity and congulation of latex and also on the ash content and properties of the rubber SKMS-lORP was investigated. Laboratory results were checked in a pilot plant. The latex was obtained according to a formulation adopted for high-temperature copolymerization of butadiene with alpha-methylstyrene. Latex was

Card 1/2

UDC: 678.762.2-134.622:536.485

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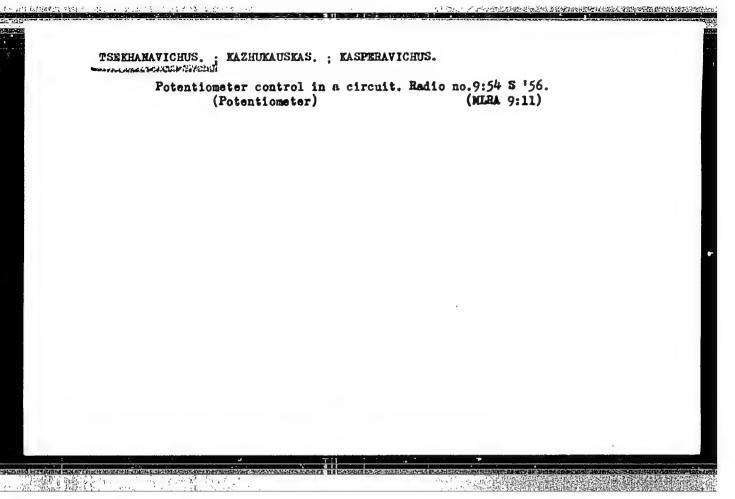
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ACC NR: AP7010725

coagulated without using sodium chloride.

It was found that addition of potassium caseinate markedly raises the latex viscosity. Bone cement, in contrast, only slightly raised the latex viscosity. Raising the temperature from 10 to 50° C reduces the viscosity of latex containing the additives by 50-100%. Results of chemical analysis show that separation of the rubber SKWS-10RPD with low ash content without use of sodium chloride solutions reduces its total ash content by 300-400% and its content of water-scluble ash by approximately 1900%. The avoidance of sodium chloride gives purer rubber and higher dielectric properties. Orig. art. has: 5 figures and 2 tables. /J.RS: 40,351/

Card 2/2



TSATSENKIN, I.A. Vegetation and natural food resources of the Volga-Akhtuba bottom lands in connection with controlling the flow of the Volga River. Bot.zhur. 41 no.3:347-357 Mr '56. (MERA 9:8) 1. Vesecyuznyy institut kormov, Moskva. (Volga Valley--Alluvial lands) (Volga Valley--Botany, Sconomic)

KONYUSHKOV, N.S., kandidat sel'skokhozyaystvennykh nauk; MOVSISYANTS, A.P., kandidat sel'skokhozyaystvennykh nauk; YELSUKOV, M.P., kandidat sel'skokhozyaystvennykh nauk, redaktor; YEREMIH, G.P., kandidat sel'skokhozyaystvennykh nauk, redaktor; SMELOV, S.P., doktor biologicheskikh nauk, professor; TSATSENKIN, I.A., doktor biologicheskikh nauk, professor; MOROZOV, D.N., redaktor; HALLOD, A.I., tekhaicheskiy redaktor

[Meadow and pasture manual] Spravochnik po senokosam i pastbishcham. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 703 p. (MLRA 9:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel skiy institut kormov. (Pastures and meadows)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATSIM. II. 1. A.

35356. O vvedenii agrometeorologicheskoy slumby na postbishchakh v rayonakh otgonnogo zhivotnodatva. Sov. zootekhniya, 1949, No. 7, s. 61-67

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

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3535% O Vvedii Agrometeorolo icheskoy Sluziby Na Past ishchakh V Rayonakh Otymusye Zhivotnodstva. Sov. Zootekhanya, 19h9, No. 7, S. 61-17
S0: Letopis' Zhurnal'nykh Statey Vol. 3h, Maskva, 19h9

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FIRST CHA

TSATULA III, T.

USSR/Electronics - Transmitters

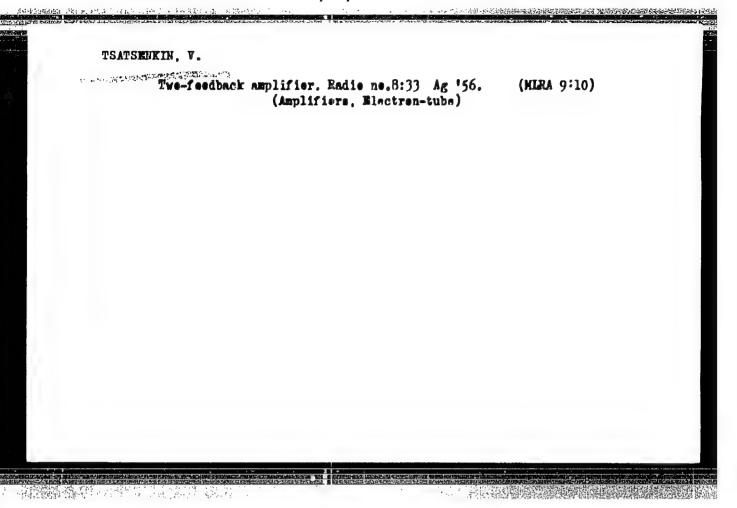
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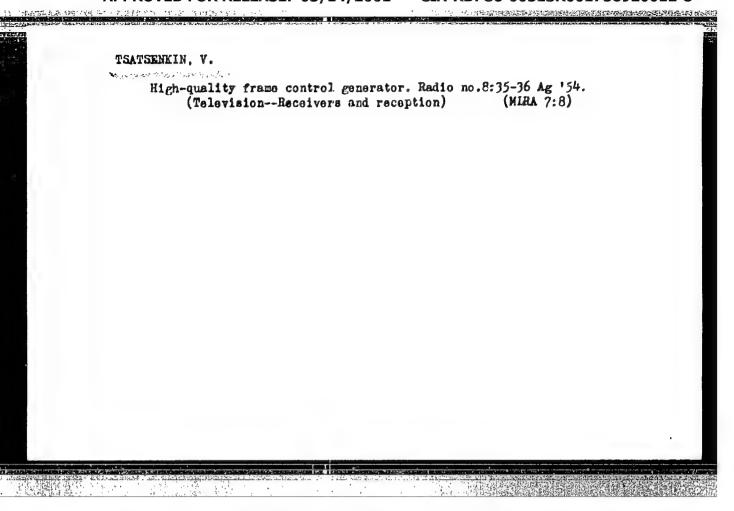
"A Club Short-Wave Transmitter," V. Tsatsenkin

"Radio" No 1, pp 26-31

This transmitter is designed for telegraph and telephone operation in the 10-, 14-, 20-, and 160-m bands and has an erp of 150 w in normal operation. A group of operators of the Stalino Oblast Radio Club sta, using this transmitter, won first place in the 5th All-Union Competitions of Radio Amateur Short-Wave Enthusiasts.

239153





TJATJEHKIN, V.

《建筑建筑》。1986年,1986年,1986年

Radio - Transmitters and Transmission

The club short-wave transmitter. Radio, 29, no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 195%, Uncl.

TSATSDEETH, V.

Radio - Transmitters and Transmission

The club short-wave transmitter. Radio, 29, No. 1, 1752.

9. Monthly List of Russian Accessions, Library of Congress, April 1952 1958, Uncl.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATSERIN, V.
"One of the club's short-wave transmitters."
So. Radio, Vol. 1, p. 26, 1952

Theory of the strength of polymonal systems displaced from the original plane. Hauch.dokl.vyc.ahkely; strei. no.3; 162-116 'f'. (MIRA 18:7)

1. Rekomendovana kafedroy vysshey matematiki Novosibirskogo elektratekhnicheskogo instituta syyazi. (Minstic rods and wires)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATSENKIN, V.K., inch.

Control network of a stepping motor. Trudy MEI no.38:125138 *62.

(Mika 17:2)

TSATSENKIN, V.K., kand. tekhn. nauk

到**上述到数**几分子看完了多数。

Study of the motion of a stepping motor. Elektrichestvo no.12: 53-57 D '63. (MIRA 17:1)

1. Moskovskiy energeticheskiy institut.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"

TSATSKA, E.M.; GERASIMOV, V.S.; MAKAROVA, G.A.

Using high-pressure centrifugal ventilator for the purification of gas. Gidroliz. i lesokhim. prom. 14 no.8:12-15 '61. (MIRA 16:11)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M. Kirova (for TSatska). 2. Vakhtanskiy kanifol'no-ekstraktsionnyy zavod (for Gerasimov, Makarova).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920012-8"